

SELF-PROPELLED MOWER HAVING ENHANCED MANEUVERABILITY

Abstract of the Disclosure

A frame of a mower supports wheel assemblies, a propulsion unit, and a mowing deck. Each wheel assembly is associated with a corresponding wheel, a corresponding electrical steering motor, and a corresponding electrical drive motor. A controller controls a direction of orientation of the corresponding wheel via the corresponding electrical steering motor. Further, the controller controls the application of electrical energy to the corresponding drive motor consistent with maneuverable movement of the mower. The propulsion unit is capable of rotating at least one cutting blade. A mowing deck houses the at least one cutting blade. The mowing deck has indentations to provide a spatial zone for the plurality of wheel assemblies.